Applicant: Shenoy et al. Attorney's Docket No.: A2039-701110 / VPI 00-08

Serial No.: 10/034,950

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

- 1. 94. (Canceled)
- 95. (Previously presented) A crystal of infliximab, wherein the crystal comprises infliximab, ethoxyethanol, lithium sulfate, and Tris buffer.
 - 96. (Currently amended) The crystal of claim 95, wherein the pH of the Tris buffer is 8.6.
- 97. (Previously presented) A method of crystallizing infliximab, the method comprising: combining infliximab, ethoxyethanol, lithium sulfate, and Tris buffer, thereby forming a crystallization solution; and
 - incubating the crystallization solution, thereby crystallizing infliximab.
- 98. (Previously presented) The method of claim 97, wherein the method is performed at room temperature.
- 99. (Previously presented) The method of claim 97, wherein the method is performed at pH 8.6.
- 100. (Currently amended) The method of claim 97, wherein the concentration of infliximab in the crystallization solution is $\frac{16.67}{0.15}$ mg/ml.

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101. (Currently amended) The method of claim 97, wherein the percentage of ethoxyethanol in the crystallization solution is $\frac{23.3\%}{150}\%$.

- 102. (Currently amended) The method of claim 97, wherein the concentration of lithium sulfate in the crystallization solution is $\frac{20}{150}$ M.
- 103. (Currently amended) The method of claim 97, wherein the concentration of Tris buffer in the crystallization solution is $\frac{0.067}{150}$ M.
- 104. (Currently amended) The method of claim 97, wherein the concentration of infliximab in the crystallization solution is $\frac{16.67}{0.15} \frac{2.5}{0.15}$ mg/ml, the percentage of ethoxyethanol in the crystallization solution is $\frac{23.3\%}{150} \frac{3500}{\%} \%$, the concentration of lithium sulfate in the crystallization solution is $\frac{23.3\%}{150} \frac{20}{150} M$, and the concentration of Tris buffer in the crystallization solution is $\frac{0.067}{150} \frac{10}{150} M$.
- 105. (Previously presented) A crystal of infliximab, wherein the crystal comprises infliximab, PEG-400, lithium sulfate, and Tris buffer.
- 106. (Currently amended) The crystal of claim 105, wherein the pH of the Tris buffer is 8.5.
 - 107. (Previously presented) A method of crystallizing infliximab, the method comprising:

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combining infliximab, PEG-400, lithium sulfate, and Tris buffer, thereby forming a crystallization solution; and

incubating the crystallization solution, thereby crystallizing infliximab.

- 108. (Previously presented) The method of claim 107, wherein the method is performed at room temperature.
- 109. (Previously presented) The method of claim 107, wherein the method is performed at pH 8.5.
- 110. (Currently amended) The method of claim 107, wherein the concentration of infliximab in the crystallization solution is $\frac{16.67}{0.15}$ mg/ml.
- 111. (Currently amended) The method of claim 107, wherein the percentage of PEG-400 in the crystallization solution is $\frac{26.67\%}{150}\%$.
- 112. (Currently amended) The method of claim 107, wherein the concentration of lithium sulfate in the crystallization solution is $\frac{0.13}{150}$ M.
- 113. (Currently amended) The method of claim 107, wherein the concentration of Tris buffer in the crystallization solution is $\frac{0.067}{150}$ M.
- 114. (Currently amended) The method of claim 107, wherein the concentration of infliximab in the crystallization solution is $\frac{2.5}{0.15}$ mg/ml, the percentage of PEG-400 in the

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crystallization solution is $\frac{26.67\%}{150} \frac{\frac{4000}{150}\%}{\frac{1}{150}}$, the concentration of lithium sulfate in the crystallization solution is $\frac{0.13}{150} \frac{20}{150}$ M, and the concentration of Tris buffer in the crystallization solution is $\frac{0.067}{150} \frac{10}{150}$ M.

- 115. (Previously presented) A crystal of infliximab, wherein the crystal comprises infliximab, polyethylene glycol monomethyl ether 550 (PEG MME 550), calcium chloride, and Tris HCl buffer.
- 116. (Previously presented) The crystal of claim 115, wherein the pH of the Tris HCl buffer is 7.0.
- 117. (Previously presented) A method of crystallizing infliximab, the method comprising: combining infliximab, PEG MME 550, calcium chloride, and Tris HCl buffer, thereby forming a crystallization solution; and incubating the crystallization solution, thereby crystallizing infliximab.
- 118. (Previously presented) The method of claim 117, wherein the method is performed at room temperature.
- 119. (Previously presented) The method of claim 117, wherein the pH of the Tris HCl buffer is 7.0.
- 120. (Currently amended) The method of claim 117, wherein the concentration of infliximab in the crystallization solution is $\frac{37.88}{0.033}$ mg/ml.

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121. (Currently amended) The method of claim 117, wherein the percentage of PEG MME 550 in the crystallization solution is $\frac{15.15\%}{33}\%$.

- 122. (Currently amended) The method of claim 117, wherein the concentration of calcium chloride in the crystallization solution is $\frac{0.091}{33}$ M.
- 123. (Currently amended) The method of claim 117, wherein the concentration of Tris HCl buffer in the crystallization solution is $\frac{0.076}{33}$ M.
- 124. (Currently amended) The method of claim 117, wherein the concentration of infliximab in the crystallization solution is $\frac{37.88}{0.033} \frac{1.25}{0.033}$ mg/ml, the percentage of PEG MME 550 in the crystallization solution is $\frac{15.15\%}{33} \frac{500}{33} \%$, the concentration of calcium chloride in the crystallization solution is $\frac{0.091}{33} \frac{3}{33} M$, and the concentration of Tris HCl buffer in the crystallization solution is $\frac{0.076}{33} \frac{2.5}{33} M$.
- 125. (Previously presented) A crystal of infliximab, wherein the crystal comprises infliximab, PEG 300, Tris buffer, PEG 8000, and glycerol.
- 126. (Currently amended) The crystal of claim 125, wherein the pH of the Tris buffer is 8.5.
 - 127. (Previously presented) A method of crystallizing infliximab, the method comprising:

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combining infliximab, PEG 300, Tris buffer, PEG 8000, and glycerol, thereby forming a crystallization solution; and

incubating the crystallization solution, thereby crystallizing infliximab.

- 128. (Previously presented) The method of claim 127, wherein the method is performed at room temperature.
 - 129. (Previously presented) The method of claim 127, wherein the pH is 8.5.
- 130. (Currently amended) The method of claim 127, wherein the concentration of infliximab in the crystallization solution is $\frac{6.67}{0.075}$ mg/ml.
- 131. (Currently amended) The method of claim 127, wherein the percentage of PEG 300 in the crystallization solution is $\frac{13.3}{75}$ %.
- 132. (Currently amended) The method of claim 127, wherein the concentration of Tris buffer in the crystallization solution is $\frac{0.067}{75}$ M.
- 133. (Currently amended) The method of claim 127, wherein the percentage of PEG 8000 in the crystallization solution is $\frac{3.33}{75}$ %.
- 134. (Currently amended) The method of claim 127, wherein the percentage of glycerol in the crystallization solution is $\frac{6.67}{75}$ %.

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135. (Currently amended) The method of claim 127, wherein the concentration of infliximab in the crystallization solution is $\frac{6.67}{0.075}$ mg/ml, the percentage of PEG 300 in the crystallization solution is $\frac{13.3}{75}$ %, the concentration of Tris buffer in the crystallization solution is $\frac{0.067}{75}$ M, the percentage of PEG 8000 in the crystallization solution is $\frac{3.33}{75}$ %, and the percentage of glycerol in the crystallization solution is $\frac{6.67}{75}$ %.

136. (New) A crystal of infliximab.

137. (New) A method of crystallizing infliximab, the method comprising:

combining infliximab with a crystallizing buffer, thereby forming a crystallizing solution; and

incubating the crystallizing solution, thereby crystallizing infliximab.

138. (New) A crystal of infliximab produced by the method of claim 137.